

Figure 1

MPGIVVFRRRWSVGSDDLVLPAIFLFLHHTTFVILSVVLFGLVYNPHEACSLNLVDHGRGYLGILLSCMIAEMA
IIWLSMRGGILYTEPRDSSMQYVLYVRLAILVIEFIYAIVGIVWLTQYYTSCNDLTAKNVTLMVVCNWVILSVC
ITVLCVFDPTGRTFVKLRATKRRQRNLRTYNLRHRLEEGQATSWSRRLKVFLCCTRTKDSQSDAYSEIAYLFAEF
FRDLDIVPSDIIAGLVLLRQRQRAKRNAVLDEANNDILAFLSGMPVTRNTKYLDLKNSEQMLRYKEVCYYMLFAL
AAYGWPMYLMRKPAACGLCQLARSCSCCLCPARPRFAPGVTIEEDNCCGCNAIAIRRHFLDENMTAVDIVYTSCHD
AVYETPFYVAVDHDKKKVVISIRGTLSPKDALTDLTGDAERLPVEGHHGTWLGHKGMVLSAEYIKKKLEQEMVLS
QAFGRDLGRGTKHYGLIVVGHSLGAGTAAILSFLLRPQYPTLKCFAYSPPGGLLEDAMEYSKEFVTAVVLGKDL
VPRIGLSQLEGFRRQLLDVLQRSTKPKWRIIVGATKCIKSELPEEVEVTTLASTRLWTHPSDLTIALSASTPLY
PPGRIIHVVHNHPAEQCCCEQEPTYFAIWGDNKAFNEV IISPAMLHEHLPYVVM EGLNKVLENYNKGKTALLS
AAKVMVSPTEVDLTPELIFQQQPLPTGPPMPTGLALELPTADHRNSSVRSKSQSEMSLEGFSEGRLLSPVAAAA
RQDPVELLLLSTQERLAAELQARRAPLATMESLSDTESLYSFDSSRRSSGFRSIRGSPSLHAVLERDEGHLFYIDP
AIP EENPSLSRTELLAADSLSKHSQDTQPLEAALGSGGVTPERPSSAAANDEEEVGGGGGGPASRGELALHNG
RLGDSPSPQVLEFAEFIDSLFNLDKSSSFQDLYCMVVPESPTSDYAEGPKSPSQQEILLRAQFEPNLVPKPPRL
FAGSADPSSGISLSPSFPLSSSGELMDLTPTGLSSQECLAADKIRTSTPTGHGASPAKQDELVISAR

Figure 2

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1  ggccttgggg agcccaggat ggaggtggcg gtcgcgccgg cgggcccagc cctgcggcgg
61  gcgggaggag gtgagcacca ggcccactga gcctctgcag agccaccagc catgcccggg
121 atcgtgggtg tccggcgccg ctgggtctgt ggcagtgatg acctcgtcct accagccatc
181 ttctctcttc tcctgcatac cacctgggtt gtgacccctg ccgtgggtgt cttcggcctg
241 gtctataaac cgcacgaggc ctgctccctg aacctgggtg accacggccg cggctacctg
301 ggcacccctg tgagctgcat gatcgctgag atggccatca tctggctgag catgcgcggg
361 ggcacccctc acacggagcc ccgtgactcc atgcagtagc tgctctacgt gcgcctggcc
421 atcctgggtg tcgagttcat ctacgccatc gtgggcatcg tctggctcac tcagtactac
481 acctcctgca acgacctcac tgccaagaat gtcaccctcg gaatggttgt ctgcaactgg
541 gtagtcatcc tcagtgtgtg catcactgtc ctctgcgtct tcgacccac gggccgcacc
601 tttgtcaagc tgagagccac caagaggagg cagcgtaacc tgcggaccta caacctgcgg
661 caccgcttag aggagggtca agccaccagc tggtcgcgcc ggctcaaagt gttcctctgc
721 tgacgcgga cgaaggactc ccagtcagat gcctactcag aaatcgcta cctctttgcg
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901 gccttctctg ctgggatgcc ggtgaccaga aacaccaagt acctcgacct caagaattca
961 caagagatgc tccgctacaa agaggtctgc tactacatgc tctttgcctt ggctgcctac
1021 ggggtggccca tgtacctgat gcggaagccc gcctgcggcc tctgccaact ggctcggtcc
1081 tgctcgtgtt gcctgtgtcc tgcgaggccg cggttcgccc ctggagtcac catcgaggaa
1141 gacaactgct gtggctgtaa tgccattgcc atccggcgcc acttcctgga cgagaacatg
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1381 ggacacctggc tgggccacaa gggtatggtc ctctcagctg agtacatcaa gaagaaactg
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1561 ctctcgcgcc cacagtatcc gacctcaag tgctttgcct actccccgcc agggggcctg
1621 ctgagtgagg atgcaatgga gtattccaag gattcgtga ctgctgtggt tctgggcaaa
1681 gacctcgtcc ccaggattgg cctctctcag ctggaaggct tccgcagaca gtcctggat
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1801 ccaagtcgg agctgcctga ggaggtagag gtgaccacc tggccagcac gcggtcttgg
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1921 cgcacatccc acgtgggtcca caaccacct gcagagcagt gctgctgctg tgagcaggag
1981 gagccacat actttgcat ctggggcgac aacaaggcct tcaatgaggt gatcatctcg
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2221 cccatgcccc ctggccttgc cctggagctg ccgactgcag accaccgcaa cagcagcgtc
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2401 gagcggtgg cggcgagct gcaggcccg cgggcaccac tggccaccat ggagagcctc
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2581 gacctgcca tccccgagga aaacccatcc ctgagctcgc gactgagct gctggcgccc
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2761 ggtgggggtg gcgggcccgc ctcccgcggg gagctggcgc tgcacaatgg gcgcctgggg
2821 gactcgcaca gtcctcaggt gctggaattc gccgagttca tcgacagcct cttcaacctg
2881 gacagcaaga gcagctcctt ccaagacctc tactgcatgg tggtgccga gagccccacc

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Figure 2 (continued)

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2941 agtgactacg ctgagggccc caagtccccc agccagcaag agatcctgct ccgtgcccag
3001 ttcgagccca acctggtgcc caagccccc cggctctttg ccggtcagc cgacccctcc
3061 tcgggcatct cactctcgcc ctccctcccg ctccagctcct cgggtgagct catggacctg
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3241 caccccagtt gcgtggccag ccggggccag gcaggagcag gtggccctgt gggcacctgg
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3361 acaggcatcg ctgctgagct gggggtccgc atccctacct cagcttagga ccccagagc
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3541 ttctggcacc cctgctcca ggacaggcca tgggcaagct gcctcccatc actgctgct
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3661 tgtggtccag gccggcatcg tcctggccac ccccagatc tggtgctgc tggccggccc
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3961 gcacccaggc ctgccctgcc tgtggctac ttctggctt accttctacc cccaaggatc
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5581 cttacgtgcc attctcccca gacttttttt gtacttaatg tatgaaagat ccaaactaat
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Figure 3

